

Study of Nitrogen Containing Compounds of Tobacco
Smoke, by A. V. Koperina, 11 pp.

GERMAN, par, Biochem Zeitschrift, Vol ^{X/V} ~~CCV~~, No 4-6,
1930, pp 258-276.

NIH

Scientific - Chemistry

Jan 54 CTS

8657

The Action of the Shortwave Rays on Proteins.
Communication I., by B. Rajewsky, 17 pp.

GERMAN, per, Biochem Z, Vol CCXXVIII, 1930,
p 272.

S.L.A. Tr 57-290

Sci - Chemistry
Jun 57

48,833

Jong, H. G. Bungenberg de and Dekkar, W. A. L.
STUDIES ON COMPLEX COACERVATION. IV. THE
BEHAVIOR OF DROPS OF COMPLEX COACERVATE
IN AN ELECTRICAL FIELD. [1963] 7p. (figs. tables
omitted) 8 refs.

Available on loan from SLA

63-16535

Trans. of Biochemische Zeitschrift (Germany) 1930,
v. 221, pp. 403-417.

DESCRIPTORS: *Colloids, Separation, Electric fields,
*Electrophoresis, Decomposition.

(Chemistry--Physical, TT, v. 10, no. 3)

63-16535

- I. Title: Coacervation.
- I. Jong, H. G. B. de
- II. Dekkar, W. A. L.
- III. Title: Behavior ...

Office of Technical Services

The Effects of Shortwave Rays Upon Proteins.
Communication II. Regarding the Dependence of the
Reaction of Protein Upon the Intensity of Radiation
in Ultraviolet, by Gentner and Schwerin, 24 pp.

GERMAN, per, Biochem Z, Vol CCXXVIII, 1930, pp 286-
303.

48,822

S.L.A. Tr 57-390

Sci - Chemistry
Jun 57

Regarding the Separation of Iodine and Bromine
From Iodised or Brominated Protein by Means of
Irradiation, by F. Lieben, G. Ehrlich, 9 pp.

GERMAN, per, Biochem Z. Vol CCXIII, 1931, p 221.

S.L.A. Tr 57-408

Sci - Chemistry
Jun 57

48, 829

Manometric Determination of Catalase, by Akiji
Fujita, Takeshi Kodama, 27 pp.

GERMAN, per, Biochemische Zeitschrift, Vol CCXXXII,
1931, pp 20-34.

NIH

Scientific - Chemistry
CRS/DEK

11,378

Jong, H. G. Bungenberg de and Kass, A. J. W.
[STUDIES ON] COMPLEX COACERVATION. V
RELATIVE DISPLACEMENT IN A DIRECT-CURRENT
FIELD OF LIQUID INCLUSION IN COMPLEX
COACERVATE DROPLETS. [1963] 6p. (figs. 1 table
omitted) 4 refs.
Order from SLA \$1.10

63-16536

Trans. of Biochemische Zeitschrift [Germany] 1961,
v. 232, p. 338-345.

DESCRIPTORS: *Colloids, Drops, *Electrophoresis,
Electric fields, Direct current, Hydrogen ion concen-
tration, *Membranes, *Morphology.

(See also 63-16535)

(Biological Sciences--Biochemistry, TT, v. 10, no. 7)

63-16536

- I. Title: Coacervation
- I. Jong, H. G. B. de
- II. Kass, A. J. W.
- III. Title: Relative ...

Office of Technical Services

Regarding Decomposition of Cystine and Cysteine by
Means of Irradiation, by F. Lieben, E. Molnar, 11 pp.

GERMAN, per, Biochem Z. Vol CCXXI, 1931, p 347.

S.L.A. Tr 57-409

Sci - Chemistry

Jun 57

48,815

Experimental Determination of Radium Elements in
Plants, III., by E. Burkser, W. Kondogian,
and M. Bronstein, 5 pp.

BERMAN, per, Biochem Zeit, Vol CXXXIII, 1931,
pp 51-61.

NIH 11-14-61

179,322

Sci - Med

Jun 62

Asstate-Veronal Buffer, by L. Michaelis.

CHIRMAN, per, Biochemische Z, Vol CCXXXIV,
1931, pp 139-141.

CSIRO/Ito 6289

641-Chem

Oct 63

Bodnar, J. and Barta, L.
DECOMPOSITION OF NICOTINE IN TOBACCO BY
BACTERIA. [1962] 11p.
Order from K-H \$13.00 K-H 4034

Trans. of Biochem[ische] Zeit[schrift] (Germany)
1931, v. 233, p. 311-317.

DESCRIPTORS: Decomposition, Tobacco, Bacteria,
Nicotine.

(Unannounced)

62-17822

- I. Bodnar, J.
- II. Barta, L.
- III. K-H-4034
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Microdetermination of the Reduced and Total Glutathione in the Liver, by J. Kuhnau.

GERMAN, per, Biochem Z Vol CCXXX, 1931, pp 353-372.

CSIRO/No 5643

Sci

Jun 63

Researches In Trimethylammonium Bases. 1. Reaction
Of Some Trimethylammonium Bases With Permanganate,
by W. Mintzel and Fomin.

GERMAN, per, Biochem Z, Vol 238, 1931, pp 452.

DB 352/4

GB 352/5

Sci -

Sep 67

339.843

Preparation of Adenylpyrophosphoric Acid From
Muscle, by H. Lotmann, 4 p. *The Principle of Isolation*
Miscellaneous

GERMAN, per, Biochem Zeit, 1931, Vol CCXXXIII,
pp 460-469.

SLA 60-10469

Sci
Apr 60
Vol III, No 3

On the Influence of the So-Called "Acidic" and
"Basic" Food on the Fate of Aromatic substances
in the Organism, by A. E. Braunstein, et al.

GERMAN, per, Biochemische Z, Vol CXXXV, Heidel-
berg, 1931, pp 311-352.

Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa.

Sci - Chem

87, 617

May 59

Regarding the Splitting Off of Ammonia From Amino
Acids and Other Substances in the Light of the
Quartz Lamp, by F. Lieben, F. Urban, 15 pp.

GERMAN, per, Biochem Z, Vol CCXXXIX, 1931, pp 250-
256.

S.L.A. Tr 57-410

Sci - Chemistry
Jun 57

48, 812

The Occurrence of Methylated Nitrogen Compounds
in Sewage (II) and Some Feeding Experiments With
Thymethylamine Carried Out on Cold-Blooded Animals,
by Hagen Kapeller-Adler, F. Vering.

Full translation.

GERMAN, per, Hochsch. Zeitschrift, Vol 243, 1931,
pp 292-300.

Born Scotia No 181

Scientific - Biology

Aug 53 CTS

4788

TT-65-12611

Field 6A, 2E

Seekles, L.; Sjollem, B.; Kaay, F. C. van der.
THE MODE OF ACTION OF CALCIUM. III. THE ANTA-
GONISTIC ACTION OF CALCIUM AND MAGNESIUM ON
THE HEART OF CATTLE WITH DISTURBED MINERAL
REGULATING MECHANISMS (Die Wirkungsweise des
Calciums, III. Mitteilung: Die Antagoni-
stische Herz Wirkung von Calcium und Magnesium bei Rindern
mit Gestörtem Mineralen Regulierungsmechanismus). 6p,
Zefn.
Order from SLA: \$1.10 as TT-65-12611

Trans. of Biochemische Zeitschrift (Germany) v244 p4-8
1932.

I. Seekles, L.
II. Sjollem, B.
III. Kaay, F. C. van der
IV. Title: Antagonistic ...

MR 638

TT-65-12610

Field 6A, 2E

Seebles, L.; Sjollem, B.; Kaay, F. C. van der.
THE MODE OF ACTION OF CALCIUM. V. THE ANTONOMIC EQUILIBRIUM IN CATTLE IN RELATION TO THE COMPOSITION OF THE BLOOD SERUM IN EXPERIMENTAL AND PATHOLOGICAL HYPOCALCEMIA. A CONTRIBUTION TO THE KNOWLEDGE OF THE TOXIC EFFECT OF OXALIC ACID AND CITRIC ACID SALTS AFTER INTRAVENOUS INJECTION (Die Wirkungsweise des Calciums. V. Mitteilung: Das Autonome Gleichgewicht im Rinderorganismus in Beziehung zu der Zusammensetzung des Bluteserums bei Experimenteller und Pathologischer Hypokalzemie. Ein Beitrag zur Kenntnis der Giftwirkung von Oxalsäure und Citronensäuresalzen nach Intravenöser Einspritzung). 18p, 7 refs.

Order from SLA: \$1.60 us TT-65-12610

Trans. of Biochemische Zeitschrift (Germany) v244 p258-67 1932.

I. Seebles, L.
II. Sjollem, B.
III. Kaay, F. C. van der
IV. Title: Antonomic ...
V. Title: Contribution ...

MR 638

Studies on Coenzyme Activity, II. Chemistry of
Adenosinetriphosphoric Acid, by H. K. Barrenscheen,
Wilhelm Fests, 3 p.

GERMAN, part, Partial Trans, Biochem Zeit, 1932,
Vol CCL, pp 281-304.

SLA 60-10470

Sci
Apr 60
Vol LXX, No 3

Researches in Trimethylammoniumbases A Method
for Quantitative estimation of Lecithin in organs.
by W. Lintzel, Fomin.

GERMAN, per. Biochem Z. No 238, 1931, p 452
GB 352/5

GB 352/4

Sci -
Aug 67

336,805

Crystalline Myoglobin. I. Crystallization and
Purification of Myoglobin, by A. Theorell, T. Hugo,
14 pp.

OKRMAN, per, Biochemische Zeitschrift, Vol CCLII,
1932, pp 1-7.

SLA 60-10461

Sci -
Jan 60
Vol III, No 5

119,094

Regarding a New Reaction for the Qualitative and
Quantitative Determination of Phenyl-Alanine, by
R. Kerpeller-Adler, 21 pp.

BERGMAN, per, Biochem Z, Vol CCLII, 1932, pp 185-200.
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S.L.A. Tr 57-401

Sci - Chemistry
Jun 57 CTS

49,001

Improvements on the Photochemical Methods for Investigating the Oxygen-Transporting Enzyme, by F. Kubowitz, E. Haas, 35 pp.

GERMAN, per, Biochem Z. Vol CCLV, 1932, pp 247-277.

S.L.A. Tr 57-405

Sci - Chemistry
Jun 57

48,808

The Constitution of Adenylpyrophosphoric Acid,
Preparation of Adenylpyrophosphoric Acid and
Adenylic Acid Comparison of the Enzymatic
Degradation and Dephosphorylation of the
Preformed Adenylpyrophosphoric Acid in Triturated
Muscular Substance of the Frog, by K. Lohmann,
3 p.

GERMAN, per, Partial trans, Biochemische Zeit,
1938, Vol. CCLIV, pp 381-397.

SLA 60-10462

Sci May 60 Vol 3, No 4

With Regard to the decomposition Spectrum of
Urease, by F. Kubowitz, E. Haas, 9 pp.

GERMAN, per, Biochem Z, Vol CCLVII, 1933,
pp 337-343.

S.L.A. Tr 57-406

Sci - Chemistry
Jun 57

48,810

Contribution to the Art of the Antiscorbutic
Vitamin (Vitamin C, Ascorbic Acid), by P. Karrer,
H. Salomon, R. Morf, K. Schogg, 15 pp.

GERMANY, per, Biochemische Zeitschrift, Vol CCLVIII,
No 1-4, 1933, pp 4-15.

Dept of Commerce
Patent Office
Sci Lib (gift)

Sci - Medicine
Jan 39

79,927

Reg-activation of Animal Phosphatases at Low Enzyme
Concentrations, by Claes Hommerberg, 4 pp.

GRESMAN, per Biochem. Zeit., Vol CCLVIII, 1933,
pp 154-157.

S.I.A. Tr No 264/1955

Sci - Biology, Chemistry
Jan 1957 CTS/dex

44, 927

(Rous Sarcoma of Chickens)
Inorganic Elements in Malignant Tissues, /by Vladimir
Moravak, 4 pp.

GERMAN, per, Biochem Zeit, Vol CCLVIII, 1933, pp 340-
346.

S.L.A. Tr No 417/1955

Ser1 - Biology
Jan 1957 CTS/sex

45, 803

Regarding the Decomposition of Nitrogen-Containing
Cyclic Compounds in the Light of the Quartz Lamp,
by F. Lieben, V. Getreuer, 8 pp.

GERMAN, per, Biochem Z. Vol CCLIX, 1933, p 1.

B.L.A. Tr 57-427

Sci - Chemistry
Jun 57

48,813

Formation of Thiocyanogen in Animal Bodies, by K.
Lang.
GELMAN, per Biochem Z. Vol. 259, pp 243-256
NEZIA

Sci -
Aug 67

339-473

Chemical Reactions Caused by X-Rays and a Method
for Following Same, by H. Waterman, H. Limburg,
17 pp.

GERMAN, per, Biophysische Z. Vol CCLXIII, No 4, 5,
1933, pp 400-409.

SLA Tr 82³/1955

Sci - Chem

50,165

Jul 57

The Colloidal ~~in~~ Behavior of the Muscle Proteins ^{by}
H. H. Weber; Fifth Report: The importance of the
Quantitative Proportion of the Muscle Proteins for ~~the~~
Structure of the Cross-striated Rabbit Muscle., by
Klaus Meyer, 32 pp

GERMAN, per, Biochem. Zeitschrift, Vol CCLXXVII, 1933,
pp 137-152.

NCH

Scientific - Biology CTS/DEX

11,321

Phosphatide Formation in the Intestines During
Fat Resorption, by H. Sullmann, W. Wilbrandt, 24 pp.

GERMAN, per, Biochem Z, Vol CCLXX, No 1, 1934,
pp 52-62.

NIH 1-3

Sci - Med

57,801

Jan 58

on the Chemical Composition of Bacteriophage,
by A. Schlosinger.
Quoted, per, Biochem. Z., 1934, pp. 273-306.
MEDIA

sci-chem:
aug. 60

390,147

Vitamins, Hormones, and Substances Influencing
Blood Coagulation, by B. Lustig, Z. Wachtel,
12 p.

CHERMAN, per, Biochem Zeit, 1934, Vol CCLXXI,
pp 357-369.

SLA 60-10464

Bel
Apr 60
Vol III, No 3

112,064

Regarding the Problem of Chemical Composition
of Nucleic Acids of Malignant Tumors, by K. Stern,
R. Willheim, 12 pp.

GERMAN, per, Biochem Z. Vol CCLXXII, 1934,
pp 180,

SIA Tr 57-301

Sci - Chem; Med
Jul 57

49,972

Toward the Question of the Influence of Ultraviolet
Rays on Peptone and Protein Solutions, by F. Lieben,
H. Jesserer, 11 pp.

GERMAN, per, Biochem Z, Vol CCLXIV, 1935, p 367.

S.L.A. Tr 57-426

Sci - Chemistry
Jun 57

48, 831

On the Absorption of Germanium by Plants, by
W. Geilmann, K. Brunger, 11 pp.

CHROMAN, per, ~~in~~ Biochem Z. Vol CCLXXV, 1935,
pp 387-395.

NTI 3-11-62

199,760

Sol - Med

Jun 62

Fürth, Otto and Herrmann, Heinz.
COLOR REACTIONS OF TARTARIC ACID, CITRIC
ACID AND ACONITIC ACID. [1263] 13p 13refs
Order from SLA \$1.60 63-20170

Trans. of Biochemische Zeitschrift (Germany) [1935]
v. 280, p. 448-457.

DESCRIPTORS: *Chemical indicators, *Colorimetry,
Carboxylic acids, Tartrates, *Citric acids, *Pyridines,
*Acetic anhydrides, Crystallization, Solubility,
*Biochemistry.

ALL Ref: 5828.4F (7108
(Chemistry--Analytical, TT, v. 10, no. 12)

63-20170

1. Title: Aconitic acid
2. Title: Tartaric acid
- I. Fürth, O.
- II. Herrmann, H.

Office of Technical Services

Occurrence of Adenin-Nucleotides in the Tissues.
II. Heart Muscle, by K. Lohmann, Ph. Schuster, 2 p.

GERMAN, per, Part Trans, Biochem Zeit 1935,
Vol CCLXXXII, No 1/2, pp 104-103.

SLA 60-10479

Sci
A
pr 60
Vol III, No 3

The Behavior of α -Arabonascorbic Acid and Vitamin C
Towards Ferrrous Salts, by Kurt Maurer, Bruno
Schlecht, 5 p.

CHIMIA, par, Biochem Zeit 1936, Vol CCLXXIV, No 1/2,
pp 67-71.

SLA (O-10480

Sci.
Apr 60
Vol. XII, No 3

111,579

The Occurrence of an Iodine-Containing Substance
in the Thyroid Gland, Which Acts as an Anti-
Thyroxine, by L. Abelin, 20 pp.

GERMAN, per, Biochemische Zeitschrift, 1936,
Vol. CCLXCVI, No 3/4, pp 160-181.

SLA 59-17043

Sci

Dec 59

CDS Vol 2, No 6

103,800

Pyridine, the Hydrogen-Transferring Component of the
Fermentation Enzymes, (Pyridine-Nucleotide),
by Otto Warburg, Walter Christian, 6 p.

GERMAN, per, Partial Trans, Biochem Zeit, 1936,
Vol CCXLXVII, No 5/6, pp 291-328.

SLA 60-10481

Sci
Apr 60
Vol III, No 3

On the Action of "Kallikrein" on the Isolated
Intestine and On a New Peristaltic Substance,
by Z. Warle, W. Gotze, A. Kappler, 17 pp.

GERMAN, per, Biochem Z. Vol CCLXXXIX, 1937,
pp 227-233.

NIH 3-78-62

198,610

Sci - Med

Jun 62

The Chemical Composition of Potato Oxidase, by
Fritz Kubowitz, 16 pp.
GERMAN, per, ~~xx~~ Biochemische Zeitschrift, Vol
CCXCII, 1937, pp 221-229.
K H 2304 a

Sci-B&M
Jul 66

307,262

A New Method for Separation of Amino Acids,
by S. Przylecki, K. Kasprzyk, 15 pp.

GERMAN, per, Biochem Z, Vol. CCLXXXIX, 1937,
p 243.

SLA Tr 57-231

Sci - Chem
Jul 37

49,919

On the Colorimetric Determination of Uric
Acid, by A. Kern. E. Stransky.
GERMAN, per, Biochemische Zeitschrift, Vol 290,
1937, pp 419-427.
SLA TT-66-10142

Sci-B&M
June 66

303,519

Cleavage and Resynthesis of Polyphenoloxidase
and Hemocyanin, by Fritz Kubowitz, 44 p.

GERMAN, per, Biochemische Zeitschrift, Vol
CCXCIX, 1938, pp 32-57.

K H 2304 b

Sci-B&M
Jul 5, 66

307,263

Further Information on the Intestine-
Contracting, Uterus-Stimulating, and Blood-
Pressure Lowering Substance "Dk", by E. Werle,
M. Grunz, 8 pp.

GERMAN, par, Biochem Z, Vol CCXI, 1939,
pp 429-436. _____

REF 3-68-62

198,612

Sci - Med

Jun 62

Isolation of the Prosthetic Group of d-Amino Acid
Oxidase, by Otto Warburg, Walter Christian, 37 pp.

GERMAN, 1938, Biochemische Zeitschrift, Vol CCXCVIII,
No 3/4, 1938, pp 150-168.

BIA 10473

Sci
Jun 60
Vol XII, No 5

119, 096

Regarding the Presence of D-Peptidases in
Normal and Carcinomatous Organs, by H. Bayerle,
F. H. Podlousky, 11 pp.

GERMAN, per, Biochem Z, Vol CCCIV, No 4, 1940.

SIA Tr 57-432

Sci - Med
Jul 57

49,958

Choline and Colamine Phosphatide of Blood
Serum as Found in Alimentary Lipids, by
EM Gunnar Brante, 14 pp.

GERMAN, per, Biochemische Zeitschrift,
Vol CCCV, No 1, 1940, pp 136-144.

SIA 60-14265

196,005

Sci
Dec 61
Vol III, No 10

The Separation of Biological Fats From their Natural Mixtures by Means of Adsorption Columns, by Wolfgang Truppe, 15 pp.

GERMAN, per, Biochemische Zeitschrift, Vol CCCV, 1940, pp 150-161. (UCRL-TR-57)

S.L.A. Tr : 737/1955

Sci - Biology
Apr 1957 CTS/dex

50,326

Optical Rotation of Glutamic Acid From Necrotic
Tissue, by H. Bayerle, G. Borger, 9 pp.

CHESMAN, per, Biochem Z, Vol. CCCV, part 1, Nos
5/6, 1940, pp 418-422.

SLA Tr ⁵ 7-431

Sci - Chemistry

50, 565

Aug 57

Takeuchi, Masayoshi 1941
On the decomposition of histidine (Über den Abbau des
Histidins)
Biochem. Z. 24(1): 1-21. In German.
Transl. for ESPW, 16p., typescript.
Avail. on loan - NWS, Wash., D.C.

Original Article Checked. *HR*

The Separation of Biological Fatty Substances From
Their Natural Mixtures by the Use of Adsorption
Columns, by Wolfgang Trappe, 18 pp. (Third Report)

Full translation.

HEILIG, per, Biochem Z. Vol CCXVII, No 2, 1941,
pp 97-106.

CIA/FDD/X-796

Scientific - Medicine

May 53 CTS

18.80

III. "d-Peptidase" in the Human Organism. "Kogl's Tumor Theory" and "Stereochemical Analysis of Proteins." Peptidases, by Eugen Bamann, Otto Schindler, 46 pp.

GERMAN, par, Biochemische Zeitschrift, Vol CCCX, 1941/1942, pp 132-139--CIA D 151114

MIN

Scientific - Chemistry

OTS 66/Mar 1955

22,225

Separation of the Enzyme Which Causes L- and D-
Peptide Splitting, by Hans Bayerle, R. Rieffert,
5 pp.

GERMAN, per, Biochemische Zeitschrift, Vol CCCXI,
1941/1942, pp 73-75. CIA D 151115

VIII

Scientific - Chemistry

22,226

DEC 60/Mar 1975

Luders, C. and Glawe, R.
NICOTINE DECOMPOSITION IN THE TOBACCO
LEAF. 1962, 21p.

Order from K-H 3923-25

K-H 3923-c

Trans. of Bioghem[ische] Zet[schrift] (Germany) 1942,
v. 342, p. 254-258.

DESCRIPTORS: *Tobacco, *Nicotine, Decomposition,
Plants.

(Agriculture--Plant Cultivation, TT, v. 7, no. 12)

62-12746

I. Luders, C.
II. Glawe, R.
III. K-H 3923-c
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

The Displacement Uranium in the Plant and Animal
Kingdom as Well as in the Human Organism, by
Joseph Hoffmann, 21 pp.

GERMAN, per, Biochem Z., Vol CCCXIII, 1942,
pp 377-387.

AEC Tr 2664

ACCORDING TO

Sci - Biology; Chemistry
Jan 57 OTS

42,208

SLA 1500/50

Isolation and Crystallization of the
Fermentation Enzyme, Enolase, by Otto Warburg,
Walter Christian, 39pp
GERMAN, per, Biochemische Zeitschrift, Vol 310,
1942, pp 384-421
SIA TT-64-16244

Sci - Chem
May 67

326,605

Uranium Concentration of Related Organs: Hypophysis,
Thyroid, Generative Glands, Adrenal Gland and Pancreas,
by Joseph Hoffmann, 10 pp.

GREMAN, per, Biochem Z, Vol CCXIV, 1943, pp 26-30.

ABC Tr 2817

Scientific - Medicine
Chemistry

44, 086

The Muscolytic Enzyme of the Mammalian Testicle,
by L. Bohn, 22 pp.

Full translation.

GERMAN, per, Biochem Z, Vol CCCXV, 1943, pp 83-
96.

NIH

Scientific - Chemistry Aug 53 CTS/DEX

4464

Compatibility of Synthetic Fat Produced From
Fatty Acids With 6 to 12 Carbon Atoms, by
H. Kraut, A. Weischar, 11 pp.

BERGMAN, per, Biochem Z, Vol CCCXVI, No 1/2,
1943, pp 96-107.

SLA 60 18329

Sci

195, 993

May 62

Heparin Complement and a Method of its
Determination in the Blood, by H.
Dyckerhoff, R. Marx, 8 ppd

GERMAN, per, Biochem Z. Vol CCCXVI,
1943, pp 255-263.

S.L.A. Trans 924

Sci - Medicine
Biology

29,931

The Reduction of Hemoglobin, by Manfred Kiese,
3 p.

GERMAN, per, Biochem Zeit, 1944, Vol CCXVI,
No 3/4, pp 264-294.

SLA 60-10486

Set
May 60
Vol 3, No 4

116, 719

Collagen Cross Striation and Heat Shrinking,
by C. Wolpers, 18 pp.

GERMAN, per, Biochem Ztschr, Vol CCCXVIII,
1948, pp 373-383.

HIN

Scientific - Chemistry CTS/DEX

17,930

Viscosity, Activity and Composition of Artificial
Actomyosin Mixtures, by F. Jais, 18 pp.

GERMAN, par, Biochem Z, Vol CCCXII, 1951, pp
451-461.

NIH Tr 4-6

Sci - Med

May 58

64,084

On the Enzyme System of our Soils, by
H. Hoffmann and A. Seegerer, 11 pp.
I. Saccharase.

CHERNAN, per, Biochemisches Z., Vol CCCXXII,
p 174.

SLA 57-3243

Sci

Aug 58

72,237

Petroses as Hydrogen Donors in the Liver,
by F. L. Breusch, 7 pp.

GERMAN, per, Biochem Ztschr, Vol CCCXXI,
No 4, Feb 5, 1951, pp 354-356.

NIE

SLA 57-1160

Sci - Biology
CTB 70/Jul 55

25499

The Electrochemical Measurement of the Amount of
Oxygen Dissolved in Liquids in Oxy- and Anoxy-Biotic
Assimilation Processes, by F. Todt, G. Teske,
F. Windisch, W. Heumann, Chr. Goslich.

GERMAN, per, Biochem Z. No ³²²232, 1952, pp 192-213.

DSIR/11671/CT

Sci - Chemistry
Mar 58

59, 982

TT-64-10335

Spier, Hans Wolfgang.
CONCERNING A QUANTITATIVE MICRO-DETERMINATION OF POTASSIUM (AN OXIDATIVE DETERMINATION OF POTASSIUM BY WAY OF POTASSIUM TETRAPHENYLBORATE) (Zur Quantitativen Kalium-Mikroanalyse [Oxydimetrische Kalium-Bestimmung über Tetraphenylbor-Kalium]). [1963] 18p 7 refs
Order from S.A. \$1.10 TT-64-10335

Trans. of Biochemische Zeitschrift (West Germany) 1952, v. 322 No. 6 p. 467-470. (Abstract available)

DESCRIPTORS: *Potassium, *Microanalysis, Chemical precipitation, Potassium compounds, *Borates, Complex compounds.

A methodically simple oxidimetric method for the determination of the tetraphenylborate complex is described. This method has a low error and a high titration factor of 0.185 cc of a N / 100 solution per 1y (Chemistry--Analytical, TT, v. 11, no. 11) (over)

- I. Title: Potassium tetraphenyl borate
- I. Spier, H. W.
- II. Title: Oxidative...
- III. Title: Oxydimetric...

Office of Technical Services

The Biological Action of Organic Azides, by
W. Werle, R. Fried.
GERMAN, per, Biochem Zeit, Vol 322, 1952,
pp 507-512.
AEC-NP-tr-1804

NLC Rf: 9091.9F(LB/G/2802)

Sci-Chem
Aug 69

390,003

TT-64-10287

I. Herrmann, R.

Herrmann, R.
THE ISOLATION OF TUBERCULIN-ACTIVE SUB-
STANCES FROM CULTURE FILTRATES OF MYCO-
BACTERIUM TUBERCULOSIS, VAR. HOMINIS
(Isolierung Tuberkulinsaktiver Stoffe aus Kulturfiltraten
von Mycobact. Tub., Typ Human). [1963] 22p 24reels
Order from SLA \$2.60 TT-64-10287

Trans. of Blochemische Zeitschrift (West
Germany) 1952, v. 323, p. 181-191. (Abstract
available)

DESCRIPTORS: "Mycobacterium tuberculosis.
Culture media, *Tuberculin, Separation,

The culture conditions (effect of composition, time and
pH) under which Mycobacterium tuberculosis, var.
hominis supplies good yields of tuberculin-active sub-
stances in a synthetic medium are discussed and the
(Biological Sciences--Biochemistry, TT. v. 11, no. 9)
(over)

Office of Technical Services

TT-64-10291

Hiller, E., Zinnert, F., and Frese, G.
A CONTRIBUTION TO THE QUANTITATIVE DETER-
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TOGRAPHY (Ein Beitrag zur Quantitativen Bestimmung
von Aminosäuren in Papierchromatogrammen). [1963]
[13p] (figs omitted) 7 refs
Order from SLA \$1.60

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Trans. of Biochemische Zeitschrift (West Germany)
1962, v. 523 (no. 4) p. 243-250.

I. Hiller, E.
II. Zinnert, F.
III. Frese, G.

(Biological Sciences--Biochemistry, TT, v. 11, no. 11)

Office of Technical Services

REPORT: 000/000000
REF ID: 001-001000-00-7010

R-12019-D
25 Aug 70

TITLE: Paper Electrophoresis of Proteins under
Increased Voltage

AUTHOR: H.V. Holt, G.D. Volpert and J. Gaudin
JOURNAL: Biochemische Zeitschrift, 321, 30-34
(1962)

UNCLASSIFIED German

Special Instructions: Please Translate
Unedited draft only

Weinland, H.
THE DEGRADATION OF GALACTOGEN BY ENZYMES
IN VITRO: EXPERIMENTS ON EDIBLE SNAILS
(HELIIX POMATIA) (Über den Galaktogenabbau durch
Fermente in Vitro: Versuche an Weinbergsschnecken
(Helix Pomatia)). [1963] [25p] 23refs
Order from SLA \$2.60

TT-64-10247

Trans. of Biochemische Zeitschrift (West Germany)
1953, v. 324 [no. 1] p. 19-31.

(Biological Sciences--Biochemistry, TT, v. 11, no. 12)

TT-64-10347

- I. Weinland, H.
- II. Title: Experiments...
- III. Title: Versuche...

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H. Skrube, 13 pp., UNCLASSIFIED

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pp. 60-65, 1953

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Isolation of Murexin from the Hypobranchial
Gland Extracts and its Identification as
Beta-/ Imidazolyl-4(5)/-Acryl-Cholin, by
V. Erspamer, O. Benati.
GERMAN, per, Biochemische Zeitschrift, Vol 324,
1953, pp 66-73.
NTC 70-13479-06A

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Trans. of Biochemische Zeitschrift (West Germany)
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I. Lang, K.
II. Bitz, H.

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Field 6A

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ON THE FORMATION OF ASSOCIATION COMPLEXES OF
CHLOROPHYLLIN WITH PROTEINS (Ueber die Bildung
von Assoziationskomplexen des Chlorophyllins mit
Eiweisskoerperen). 12p, 15 refs.
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I. Zirm, K. L.
II. Pongratz, A.
III. Polesofsky, W.

MR 636

The Water-Binding Capacity of Dead Mammalian Muscle. I. The Effect of pH-Value on the Water-Binding of Ground Beef Muscle, by R. Grau, R. Hamm, A. Baumann, 15 p.

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Apr 60 Vol III, No 3

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Simplification and Improvement of the Method for
Quantitative Determination of Amino Acids and
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NH Tr 5-1

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ON THE RAPID QUANTITATIVE ESTIMATION OF AMINO
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Quantitativen Bestimmung von Aminosaeuren,
Insbesondere von Glutaminsaeure). 11p, 14 refs.
Order from SLA: \$1.60 as TT-65-12552

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III. Mueller, H.

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The Effect of Dilute Solutions of Hydrogen Peroxide
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and Necrotic Diseased Potatoes, by Herman B. ...

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NTC 72-11730-06A
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